

Result Page

Notice: This translation is produced by an automated process; it is intended only to make the technical content of the original document sufficiently clear in the target language. This service is not a replacement for professional translation services. The esp@cenet® Terms and Conditions of use are also applicable to the use of the translation tool and the results derived therefrom.

For some time it is well-known, grasps of tools, for example screwdriver grasps, to make of two different materials about which material is a usual hard plastic, how it is used for a long time for screwdriver grasps and such a thing, and that is second material a plastic, which contains Latex, india rubber or such a thing and soft and than the first plastic is more flexible and feels pleasantly softly. The hard plastic forms to a certain extent a stand with openings, which is filled out by the second, so-called soft Touch plastic. The finished tool grasp has then usually along its extent with one another alternating arranged surface ranges from the hard and from the soft Touch plastic. It causes that the tool feels in the hand of the user bessers and can more griffsicher, in particular also more skid-proof, be held, which for example with screwdriver grasps for spending the torque on the screwdriver is important. But screwdriver grasps, also Scherengriffe, fastening clamp grasps and such a thing are not only manufactured in recent time in this way.

The production of the well-known tool grasps requires a relatively complicated procedure, as first the stand is made of the hard plastic in injection moulding procedures and then in an appropriate form of the soft Touch plastic is injected, in order to fill out the cavities.

In former times also soft Touch Kunststoffelemente were inserted into recesses of the hard plastic stand by sticking or such a thing.

These procedures are complex and expensive. A change of a product in the form or a changed organization of the soft Touch Flächenbereiche is to be erziehlen because of the high tool and production costs only at high expenditure.

The invention is the basis the task to be able to manufacture grasps with soft Touch effect substantially more economically.

By grasps grasps are not only of tools to understand but also from customs devices to which have a grasp, also other grasps and grasp ranges about articles in this connection.

The task mentioned is solved in accordance with the invention by the arrangement indicated in the patent claim 1 in general form. Favourable execution forms and arrangements of the invention are the subject of the Unteransprüche.

The invention consists thus of it that on a grasp surface ranges made of soft Toch material are applied, in shape of laminar things on an in all other respects solid or also hollow grasp with closed exterior surface. The raw grasp does not need to consist thereby of plastic, how this is with conventional soft Touch grasps the case, but he can consist just as well also of wood or of metal.

Applying the soft Touch surfaces is in different way possible, i.e. for example by gluing laminar pieces on from soft Touch material, which can be punched out for example from foil material, by imprinting or applying liquid or pasty soft Touch raw material, or by immersing the grasp into liquid soft Touch raw material or by Aufsprühen or spraying on liquid soft Touch raw material.

The surface of the soft Touch surfaces can be smoothly trained or with a structure provided, for example grooved or with burls provide or roughened up, in order to result in a better security.

As material and/or. Component item number for the soft Touch surfaces natural and/or chemical substances can be used, i.e. Latex, india rubber, rubber, Gummilösungen, PU, cell india rubber in pure or changed form, PSE etc. are used.

Grasps or grasp ranges, with which the invention application can find, are for example tool grasps, thus grasps of screwdrivers, files, putties, trowel grasps, Hammergriffe, Scherengriffe, fastening clamp grasps etc. , far brush handles, color scooter grasps, knife handles, brushing and broom grasps, sport equipment grasps such as table tennis racquet grasps, gulf racquet grasps etc. , Grasp ranges of recorders such as pencils and ball-point pens, or grasp ranges of office equipment such as punch, temporary fastener, file etc.